

HP Docket No. 10002302-1

AMENDMENTS TO THE CLAIMS

1. (Original) A printhead for ejecting drops of a fluid onto a medium during movement along a scanning axis, comprising:
 - a plurality of chambers for controllably ejecting the drops;
 - a nozzle member attached to the printhead and defining a wall of each of the chambers, the nozzle member having a planar surface positionable adjacent the medium; and
 - a plurality of nozzles formed in the nozzle member and in fluidic communication with each chamber, wherein certain ones of the nozzles have a nozzle axis tilted along the scanning axis.
2. (Original) The printhead of claim 1, wherein the nozzle axis is tilted so as to deposit during a single fluid deposition operation a main drop and at least one satellite drop from an individual one of the plurality of nozzles in substantially the same location on the medium.
3. (Original) The printhead of claim 1, wherein the nozzle axis is tilted so as to deposit during consecutive fluid deposition operations drops from an individual one of the plurality of nozzles substantially along a printing axis parallel to the scanning axis.
4. (Original) The printhead of claim 1, wherein the planar surface is positioned generally parallel to a surface of the medium being printed.
5. (Original) The printhead of claim 1, wherein the planar surface is coplanar with a printing plane of the medium.
6. (Original) The printhead of claim 1, wherein the certain ones of the nozzles have a non-circular bore through the nozzle member.

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7. (Original) The printhead of claim 1, wherein the nozzle axis is tilted between 0.2 degrees and 1.4 degrees from vertical.

8. (Withdrawn)

9. (Original) The printhead of claim 6, wherein the nozzle axis is tilted between 0.4 degrees and 0.9 degrees from vertical.

10. (Original) The printhead of claim 6, wherein the non-circular bore is symmetrical about the scanning axis but asymmetrical about a medium advance axis orthogonal to the scanning axis.

11. (Withdrawn)

12. (Withdrawn)

13. (Original) The printhead of claim 10, wherein the bore has the shape of a pie with a wedge removed.

14. (Original) The printhead of claim 1, wherein the plurality of nozzles are grouped into a set of odd nozzles and a set of even nozzles, and wherein the nozzle axes of each of the odd nozzles and each of the even nozzles are tilted in the same direction along the scanning axis.

15. (Original) The printhead of claim 1, wherein the plurality of nozzles are grouped into a set of odd nozzles and a set of even nozzles, and wherein the nozzle axes of each of the set of odd nozzles is tilted in one direction along the scanning axis and the nozzle axes of each of the set of even nozzles is tilted in an opposite direction along the scanning axis.

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16. (Original) The printhead of claim 1, wherein the drops of the fluid are ejected at substantially the same firing frequency during movement in both a forward and a rearward direction along the scan axis.

17. (Original) The printhead of claim 1, wherein the composition of the nozzle member is substantially uniform.

18. (Original) The printhead of claim 1, further including:
a supply of a fluid fluidically coupled to the plurality of chambers.

19. (Original) The printhead of claim 18, wherein both the supply of the fluid and the printhead are mounted in a print cartridge moveable along the scanning axis.

20. (Original) The printhead of claim 18, wherein the printhead is mounted in a print cartridge moveable along the scanning axis and fluidically coupled to the supply of the fluid positioned in a different location.

21. (Withdrawn)

22. (Withdrawn)

23. (Withdrawn)

24. (Withdrawn)

25. (Withdrawn)

26. (Withdrawn)

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27. (Withdrawn)

28. (Withdrawn)

29. (Withdrawn)

30. (Withdrawn)

31. (Withdrawn)

32. (Withdrawn)

33. (Cancelled)